

SWALLOW.

A NEW
Almanaek for
the yeare of our
LORD GOD
1639.

Being the third after bissextile or leap-
yeare, and from the worlds
creation 5588.

¶ Calculated properly for the famous Univer-
sitie and Town of *Cambridge*, but may
indifferently serve for any other place with-
in this Kingdome.

¶ Printed by the printers to the
Univerſitie of *Cambridge*:

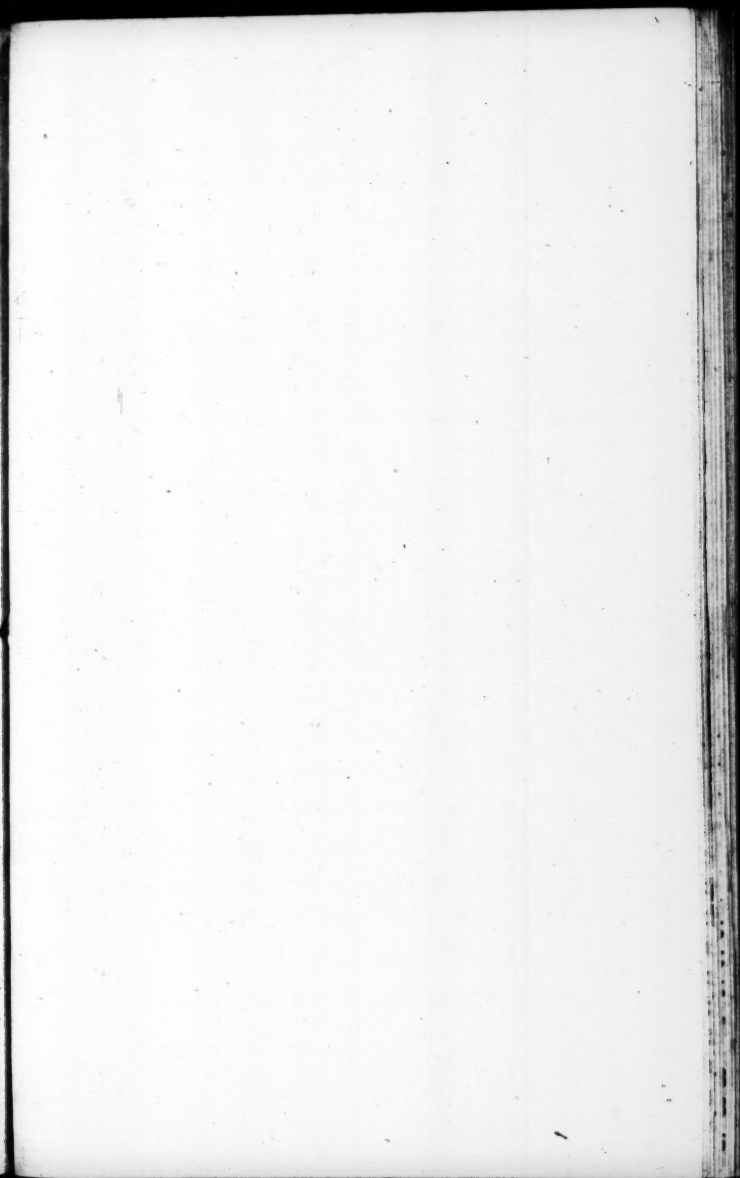
And are to be sold by *William Harris*,
in *Colemanstreet* in *London*.

Common notes and moveable feasts
for this yeare 1639.

T he Golden number		6
T he cycle of the sunne		24
The Dominicall letter		F
T he Epact		6
Shrovesunday	<i>Februarie</i>	24
Ashwednesday	<i>Februarie</i>	27
Easter day	<i>April</i>	14
Rogation Sunday	<i>May</i>	19
Ascension day	<i>May</i>	23
Whitsunday	<i>June</i>	2
Advent Sunday	<i>December</i>	1
Sundayes after Trinitie		24

The beginning and ending of the Terms.

<i>Hilary</i>	<p>The first of <i>Hilary</i> term shall be On <i>January</i> the twentie three: And on the twelfth of <i>February</i> This Term doth end most certainly.</p>	Term.
<i>Easter</i>	<p>And <i>Easter</i> term from <i>Easter</i> day, The Wednesday fortnight 'gins alway: And when th' <i>Ascension</i> day is past, Till Munday next this term doth last.</p>	Term.
<i>Trinity</i>	<p>On Friday after <i>Trinitie</i> This term begins assuredly: And, as our <i>Lawyers</i> all do write, It ends the Wednesday fortnight.</p>	Term.
<i>Mich.</i>	<p>If <i>Michaelmasse</i> term you seek to finde, The ninth of <i>October</i> bear in minde: It ends, as I do well remember, The twentie eighth day of <i>November</i>.</p>	Term.



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THE Anatomic of Mans bodie, as the parts there- of are by Astrologers attributed un- to the twelve signes of the zodiack.

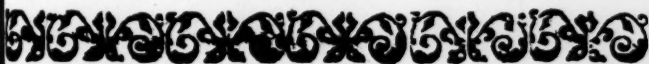
♂ Head and face.

♂ Neck and throat.
♂ Breast, stomack, & ribs
♂ Bowels and belly.
♂ Secret members.
♂ Knees.



♂ Arms and shoulders.
♂ Heart and back.
♂ Reins and loyns.
♂ Thighs.
♂ Legs.

♂ The feet.



A note of the times forbidding marriage.

From the first of *December* last past, untill the 13 of *January* following.
From the ninth of *February*, untill eight dayes after *Easter*.
From the 18 of *May*, untill the ninth of *June*.
From the last of *November* this present year, untill the 13 of *January* following, viz. 1640.

Januarie hath xxxi dayes.

- ☾ First quarter the 2 day, 36 minutes past 9 morning.
- Full moon the 9 day, 27 min. past 2 afternoon.
- ☾ Last quarter the 16 day, 36. min. past 5 morning.
- New moon the 23 day, 47 min. past 10 at night.

1	a	Circumcision	Aries 11	like to be some rain.	21	14
2	b	Oct. Stephen	23	☐ ○ ☾	12	16
3	c	Oct. John	taur. 6	Snow-like.	23	17
4	d	Oct. Innoc.	18	Winde and stormie.	24	18
5	e	Simeon	gem. 2		25	19
6	f	Epiphanie	15	Frostie. Δ ♀ ☾	26	20
7	g	Felix & Jan.	29	Cold abated. * ○ ♂	27	22
8	a	Lucian priest	can. 13	Rain-like. ♂ ♀ ☾	28	23
9	b	Marcellinus	28	Δ ♀ ☾ various.	29	24
10	c	Sun in Aquar.	leo 13	Winter weather.	30	25
11	d	Sigisnus	28	Windy, cold and	16	
12	e	Archad.	virg. 13	freezing. Δ ♀ ♂	2	27
13	f	Hilarie bishop	28	Δ ♀ ☾ ♂ ♂ ☾	3	28
14	g	Felix	lib. 12	Δ h ☾	4	30
15	a	Maurus	26	☐ ♀ ☾ like to be some	5	31
16	b	Marcellus	scor. 10	snow.	6	32
17	c	Antoninus	23	Clearer weather.	7	33
18	d	Peters chate.	sag. 6		8	34
19	e	Wolstan	19		9	35
20	f	1. Sun. aft. Epip.	cap. 2	Frost and much snow.	10	36
21	g	Octab. Hilar.	14	Colder.	11	37
22	a	Vincent	26	* ♀ ☾	12	38
23	b	Term begins	aquar. 8	More snow or cold rain	13	39
24	c	Timoth. bish.	20	with winds.	14	39
25	d	Conver. S. Paul	pisc. 2	Windie.	15	40
26	e	Polycarp.	14	* h ♂ Stormie.	16	41
27	f	3. Sun. aft. Epip	26		17	42
28	g	Quind. Hilar.	Aries 8	Cold abated, and more	18	42
29	a	Valerius	20	milde weather then	19	43
30	b	Matild queen	taur. 2	before. * ♀ ☾	20	44
31	c	Saturnus	14	☐ h ☾ cloudie.	21	44

The Sun's place.

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February hath xxviii dayes.

- First quarter the first day, 24 minutes past 3 morning.
- Full moon the 8 day, 13 min. before one in the morn.
- Last quarter the 14 day, 37 min. past five at night.
- New moon the 22 day, 17 minutes past six at night.

1	B	Byldget Fast	taur. 27	♂ ♀ ☾ ☾ ☾ windy.	22	45
2	B	Purif. of Mary	gem. 10	* ♂ ☾ ☾ ☾	23	46
3	f	4 Sun. aft. Ep.	23	☾ ☾ ☾ ☾ ☾	24	46
4	G	Craft. Purif.	canc. 6	♂ 3.34. ♀ winde	25	47
5	a	Agatha virg.	22	♂ ♀ ☾ cold winde and	26	47
6	b	Dorothea	leo 6	storms of snow sleet	27	48
7	e	Angle bish.	21	or rain, on these 4	28	48
8	D	Lucian priest	virg. 6	dayes.	29	49
9	B	Sun in Pilces	21	South windes and rain.	30	49
10	f	Septuagesima	libr. 6	Fair. * ♀ ☾	☾ 49	
11	G	Eustace virg	21	♂ ♂ ☾ fair and warm	2	50
12	a	Term ends	scorp. 5	☾ ♀ ☾ pleasant weath.	3	50
13	b	Agabus	19	with some wind ☾ ☾ ♀	4	50
14	e	Valentine	sag. 3	♂ ♀ ☾ good in temper	5	51
15	D	Faustinus	16	with some rain.	6	51
16	B	Julian virg.	29	☾ ♂ ☾	7	51
17	f	Sexagesima	capr. 11	* ♀ ☾	8	51
18	G	Simeon	24	☾ ♂ ☾	9	51
19	a	Sabine priest	aquar. 6	Colder then before.	10	51
20	b	Mildred vir.	17	Windie storms of snow	11	51
21	e	69 Martyrs	29	or cold rain. * ♂ ☾	12	51
22	D	Cath. Pet.	pisc. 11	☾ ♀ ☾	13	51
23	B	Poltcarp Fast	22	♂ ♀ ☾ rain-like.	14	51
24	f	Shrove Sunday	Aries 4	Matthias Apostle.	15	51
25	G	Constantine	16	* ☾ ☾ * ♀ ☾	16	51
26	a	Pestor mart.	27	Something warm.	17	51
27	b	Ashwednesday	taur. 10	Cloudie. ☾ ☾ ☾	18	51
28	e	August. bish.	22	☾ ♀ ☾ west windes	19	51

March hath xxxi dayes.

-  First quarter the second day, 30 min. past 5 afternoon.
 Full moon the 8 day, 34 minutes past 11 at night.
 Last quarter the 16 day, 47 min. past 8 morning.
 New moon the 24 day, 31 min. after 11 morning.

1	D	David bish.	gem. 5	Good weather	♂ ♀ ☾	20	50
2	B	Chad bish.	18	Δ ☾ ☾	windes.	21	50
3	f	Quadragesima	canc. 2	Some rain.	☾ ☾ ☾	22	50
4	B	Isidore	16			23	49
5	a	Euseb. mart.	30	☾ ☾ ☾	warm. Δ ☾ ☾	24	49
6	b	Ember week.	leo 15	Colder and cloudie.		25	48
7	c	Thom. Aquin.	30	☾ ♀ ☾	windie.	26	48
8	D	Felix bish.	virg. 15	Good weather.	Δ ♀ ☾	27	47
9	B	Apolline	30	♂ ☾ ☾	rain-like.	28	49
10	f	1 Sund. in lent	libr. 15	Δ ☾ ☾		29	46
11	B	Sun in Aries	29	Δ ☾ ☾		30	45
12	a	Gregorio	scor. 14	☾ ♀ ☾ ☾ ☾	win. and	1	45
13	b	Candide	28	stormes.	Δ ☾ ☾	2	44
14	c	Longinus	sagit. 11	☾ ☾ ☾	a windie and	3	43
15	D	Cyprian	25	moist aire.	☾ ☾	4	42
16	B	Patrick bish.	capr. 7	☾ ☾ ☾		5	42
17	f	3 Sund. in lent	20	☾ ☾ ☾	cold and storm.	6	41
18	B	Edward king	aquar. 2	of hail.	* ☾ ☾	7	40
19	a	Joseph	14	♂ ☾ ☾	cloudie aire.	8	39
20	b	Euthbert	26			9	38
21	c	Benedict	pisces 8	☾ ♀ ☾	white clouds.	10	37
22	D	Sphodose	20	♂ ☾ ☾	winde blowing	11	36
23	B	Theod. Fast	Aries 2	np stormes.		12	35
24	f	Midlent Sund.	13	* ☾ ☾	windie.	13	34
25	B	Annunc. Marie	25	♂ ☾ ☾	good weather.	14	33
26	a	Castal.	taur. 7	☾ 15.31.	☾	15	31
27	b	K. Charls beg.	19	♂ ☾ ☾	cloudie and	16	30
28	c	Dorothy virg	gem. 2	wind.	* ☾ ☾ Δ ♀ ☾	17	29
29	D	Eustace ab.	15	A wet season these		18	28
30	B	Gurdon	28	2. dayes.	♂ with Pleiad.	19	26
31	f	5 Sund. in lent.	canc. 11	☾ ☾ ☾	winde.	20	25

May hath xxxi dayes.

Full moon the 7 day, 39 min. past 3 in the morning.

Last quarter the 14 day, 40 minutes past 6 at night.

New moon the 22 day, 34 min. past 3 in the afternoon.

First quarter the 29 day, about 4 in the afternoon.





1	b	Philip & Jam.	(virg. 4)	Term begins ☐ ♀ ☾	20	27
2	e	Athanasius	8	Warm and perhaps some	21	25
3	d	Invent. cruc.	libr. 3	rain at night.	22	22
4	e	Florianus	18	Δ ♀ ☾	23	20
5	f	3 Sun. aft. East.	(scorp. 2)	Cold mornings pro-	24	18
6	g	Tres Pasch.	17	misg some frost.	25	25
7	a	John Beberl	(agit. 1)	♂ ♀ ☾ white clouds..	26	13
8	b	Stanislaus	15	♂ ♀ ☾ ♂ ♀ ☾ rainlike	27	10
9	e	Transf. Nich.	28	Δ ♀ ☾ ♂ ♂ ☾	28	8
10	d	Godrian	capr. 11	♂ ♀ ♀ windie storms.	29	5
11	e	Sun in Gem.	24	The weather little alter-	30	3
12	f	4 Sun. aft. East.	aquar. 7	ed as yet.	II	0
13	g	Mens. Pasch.	19	♂ ♀ ☾ cold morning.	1	58
14	a	Bonifacio	pisc. 1	☐ ♀ ☾ better and mild	2	55
15	b	Adoze mart.	13	The 15. and 16. windie	3	53
16	e	Brandartus	25	and stormie.	4	56
17	d	Transf. Bern.	Aries 6	* ☉ ☾	5	47
18	e	Potentius	18	* ♀ ☾	6	45
19	f	Rogation sun.	taur. 1	Scarce fair ♀ 1. ☾.	7	42
20	g	Quin. Pasch.	13	Cloudy and cool.	8	39
21	a	Nicholl. mart	26	Storms & turbulent.	9	37
22	b	Heleen birgin	gem. 9	Not much differing.	10	34
23	e	Ascension-day	22	Fairer weather.	11	31
24	d	Craft. Ascen.	canc. 5	♂ ♀ ☾ ♂ ♀ ☾ rain	12	28
25	e	Urban	19	northern blasts.	13	26
26	f	6 Sun. aft. East.	leo 3	Fair and good Δ ♀ ☾	14	23
27	g	Term ends.	17	Cloudie missings.	15	20
28	a	German bish.	virg. 1	Fair and pleasant wea-	16	17
29	b	Marin bish.	15	ther * ♀ ☾	17	15
30	e	Felix pope	29	☐ ♂ ☾ warm.	18	12
31	d	Pertus	libr. 13	Δ ☉ ♀ small rain.	19	9

June hath xxx dayes.

- Full moon the 5 day, 53 min. past 1 afternoon.
- Last quarter the 13 day, 57 min. past 10 morning.
- New moon the 21 day, 20 min. past 2 morning.
- First quarter the 27 day, 37 min. past 8 at night.

1 e	Archimede	libra 28	Something cool. $\Delta \varphi \text{ } \text{C}$	20	6
2	Whitsunday	scor. 1	Cloudie. $\square \text{ } \text{h} \text{ } \text{C}$	21	3
3 g	Erasmus	26	$\delta \text{ } \varphi \text{ } \text{C}$ good weather.	22	0
4 a	Petrocius	lag. 9	$\varphi \text{ } 20. \text{ } 51. \text{ } \text{C}$	22	58
5 b	Ember week.	23	Very windie weather.	23	55
6 s	Claudian	capr. 6	$\varphi \text{ } \delta \text{ } \text{C}$ $\odot \text{ } 24.52. \text{ } \text{II}$	24	52
7 d	Wolstan tran.	18	Fair and clear till night.	25	49
8 e	Edward	aquar. 1	$\text{h} \text{ } 18.48. \text{ } \text{C}$	26	46
9 f	Trinitie sund.	13	Dark cloudie weather.	27	43
10 g	Juan. conf.	26	$\delta \text{ } \text{h} \text{ } \varphi \text{ } \text{C}$ winde and wet	28	40
11 a	Basil bish.	pisces 8	the 10 and 12 dayes.	29	38
12 b	Sun in Canc.	10	$\square \text{ } \varphi \text{ } \text{C}$	30	15
13 s	Corpus Christi	Aries 1	$\text{V} \text{ } 27. 20. \text{ } \text{m}$	C	32
14 d	Term begins	14	$\square \text{ } \delta \text{ } \text{C}$ hot drie weath.	2	29
15 e	Holardus	27	Heat increased: but rain	3	26
16 f	1 Sun. aft. Tr.	taur. 9	or temp. is like to follow.	4	23
17 g	Bstolph mar.	21	$\square \text{ } \text{h} \text{ } \text{C}$ $\delta \text{ } \varphi \text{ } \text{C}$	5	20
18 a	Mart. & mar.	gem. 4	$\ast \text{ } \varphi \text{ } \text{C}$	6	17
19 b	Nat. reg. Jac.	17	$\delta \text{ } \varphi \text{ } \text{C}$ some winde and	7	14
20 s	Tran. Edw.	30	clouds.	8	11
21 d	Walburge b.	canc. 14	$\delta \text{ } \delta \text{ } \text{C}$ Hot and drie	9	8
22 e	Alban Fast.	28	with a west-winde.	10	6
23 f	June.	leo 12	$\delta \text{ } \varphi \text{ } \text{C}$ dark dropping:	11	3
24 g	John Baptist	26	then fair and clear.	12	0
25 a	Trans. of Cl.	virg. 11	$\ast \text{ } \odot \text{ } \text{C}$	12	57
26 b	John & Paul	25	$\ast \text{ } \delta \text{ } \text{C}$ $\square \text{ } \varphi \text{ } \text{C}$	13	54
27 s	Crescent.	lib. 10	$\delta \text{ } \text{h} \text{ } \varphi \text{ } \text{C}$ some sudden	14	51
28 d	Leo Fast	24	drops with heat or thun-	15	48
29 s	Peter Apolt.	scor. 8	der these 3 last dayes.	16	45
30 f	3 Sun. aft. Trin.	22	$\square \text{ } \text{h} \text{ } \text{C}$ $\delta \text{ } \varphi \text{ } \text{C}$ $\square \text{ } \varphi \text{ } \text{C}$	17	42

July hath xxxi dayes.

-  Full moon the 5 day, 26 min. past 1 in the morning.
 Last quarter the 13 day, 47 min. past 2 in the morning.
 New moon the 20 day, 12 min. past 11 in the morn.
 First quarter the 27 day, 18 min. after 2 in the morning.

1	g	Theobaldus	fag.	6	Venus with ♀ heart 2.d.	18	40
2	a	Vint. of Mary.		19	very hot weather.	19	37
3	b	Term ends,	capr.	2	♂ ♀ ☾ 27.38.☿.	20	34
4	e	Miricus		15	Fair & clear ☼ ♀	21	31
5	d	Joe virgin		27	♂ ♂ ☾ sickly weath.	22	28
6	s	Huldreich	aqua.	16	♀ 28.44.♂	23	25
7	f	4 Sun. aft. Trin.		22	♂ ♀ ☾ ☼ ♀ ☾ clouds.	24	23
8	g	Depos. of Cr.	pisces	4	♂ ♀ ☾ some drops.	25	20
9	a	Cypsil bishop.		16	☼ ☽ ♀ pleasant & clear	26	17
10	b	7 Brethren		28	Wavering. * ♂ ☾	27	14
11	e	Benedict	Ari.	10	☼ 28.11.☿. ☼ ♀ ☾	28	11
12	d	Raboz & Fel.		22	Very hot and like to be	29	9
13	s	Sun in Leo	taur.	4	thund. on the 12, or 13.d.	30	6
14	f	5 Sun. aft. Tr.		17	Mars cum Asello aust.	♂	3
15	g	Switthin tra.		29	Pleasant and good.	2	8
16	a	Oswund	gem.	12	☼ ♀ ☾ rain and	3	12
17	b	Alexius		25	clouds.	4	20
18	s	Simphron.	canc.	9	Drie and ☼ ♀ ☾	5	0
19	d	Dog. dayes beg		23	Windes. ♂ ♀ ☾ ☼ ♀ ☾	5	58
20	s	Margaret	leo	7	♂ ♂ ☾ hot and drie.	6	47
21	f	6 Sun. aft. Trin		21	♂ ♀ ☾ ☼ ♀ ☾ winde.	7	45
22	g	Mary Magd.	virg.	6	from the West.) perig.	8	42
23	a	Appelline		21	* ♀ ☾ ♂ ♀ ☾ drops.	9	39
24	b	Christian Fast	libr.	5	* ♂ ☾ * ♀ ☾	10	37
25	s	James Apostle		20	☼ ♀ ☾ ♀ 26.9. m	11	34
26	d	Ann. mat. Mar.	scorp.	5	Often winde and storm.	12	32
27	s	Martha		19	heat, thunder, troubled	13	29
28	f	7 Sun. aft. Trin.	agit.	3	wire, with hail in many	14	27
29	g	Feltr & Ho.		16	places, and sometimes	15	24
30	a	Ydden mart.		29	lark between S. James &	16	22
31	b	German	cap.	12	the beginning of August.	18	19

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August hath xxxi dayes.

- Full moon the 3 day, 54 min. past two afternoon.
- ☾ Last quarter the 11 day, 37 min. past 6 afternoon.
- New moon the 18 day, 8 min. past 7 at night.
- ☾ First quarter the 25 day, 20 min. past 11 morning.

1	s	Lammas	cap. 27	Mistie or dark morn.	18	17
2	d	Stephen	aqu. 7	but hot after especially	19	15
3	e	Sub. Steph	19	on the 3, and 4 d. ♂♂	20	12
4	fr	8 Sun. aft. Tr.	pisc. 1	and Mars makes it tur-	21	10
5	g	Festum nivis	12	bulent being with the	22	8
6	a	Trans. Christi	24	Lions knee. Δ ♀	23	5
7	b	Donatus	Aries 6	Fair and good ♂♀	24	3
8	e	Cyprian. mart.	18	weather. Δ♂	25	1
9	d	Roman. mart.	29	Δ ☉	26	59
10	e	Lawrence m.	taur. 12	☐ h ☾ ☽ ♀	26	56
11	fr	9 Sun. aft. Tr.	24	Like to thunder and	27	54
12	g	Cybert. mar.	gem. 7	some winde; but fair for	28	52
13	a	Clare virg.	20	the most part.	29	50
14	b	Sun in virgo.	canc. 3	Very hot ♂ cum cor. ☉	30	48
15	e	Assum. of Mar.	17	some drops ☐ ♀	31	46
16	d	Roch. confel.	leo 1	Δ ♀ good weather.	2	40
17	e	Octab. Laur.	15	♂ h ☾ dark and drop.	3	44
18	fr	10 Sun. aft. Tr.	30	Troubled and ♂♂	4	42
19	g	Sebald	virg. 15	tossed aire with ☐ ♀♂	5	38
20	a	St. Thanasius	30	thund, and win. ♂♀	6	36
21	b	Bernard abb.	libra 15	Some rain in the night:	7	34
22	e	Dog dayes end	30	then winde. * ♀	8	32
23	d	Juchens Fas.	scor. 14	Cloudie and cool which	9	31
24	e	Barthol. Apo	28	threatneth some hail	10	29
25	fr	11 Sun. aft. Tr.	sagit. 12	about this time. * h ☾	11	27
26	g	Jepherin pap	26		12	25
27	a	Ireneus	capr. 9	* ♀ some winde and	13	24
28	b	Augustine	22	variable. ☐ ♀	14	22
29	e	Joh. B. behead	aquar. 4	☉ 14.22 ☾ rain-like.	15	20
30	d	Felix	16	Dark ♂ h ☾	16	19
31	e	Paulinus	28	Scarce fair.	17	17

September hath xxx dayes.

- Full moon the 2 day, 21 minutes past 6 in the morning.
- Last quarter the 10 day, 48 min. past 8 in the morning.
- New moon the 17 day, 10 min. past 3 morning.
- First quarter the 23 day, 5 min. past 9 at night.

1	f	12 Sun. aft. Tr.	pisc.	10	Warm weather. ♂♂ ☾	18	16
2	g	Anthonye		21	☉ 19. 14. m. ☾ apog.	19	14
3	a	Gregory	Aries	3	Δ 4 ☾. h 12. 56. m.	20	13
4	b	Theodossa		15	Some winde ♂ ♀ ☾	21	11
5	e	Bertine		27	4 o. 4. ♀	22	10
6	d	Magnus	taur.	8	☐ h ☾ ♂ ♀ ☾ rain.	23	9
7	s	Nat. Qu. Elis.		20	Δ ☉ ☾	24	7
8	ff	Nat. Mary virg	gem.	3	Moist. * ♂ ☾ ♂ 4 ☾	25	6
9	g	Gorgonius		15	Warm. ☐ ♂ ☾	26	5
10	a	Sylvius		28	☐ h ♀ rain and dark.	27	3
11	b	Prothys mar	canc.	12	* ♂ ☾ Δ ♀ ☾	28	2
12	e	Guidon mart		25	♂ h ☾ winde and wet.	29	1
13	d	Sun in Libra. s.	leo	9	Winde and wet. ♂ ♀ ☾	30	0
14	s	Holy Crosse		24	☐ 4 ☾ fair and temp.	0	59
15	ff	14 Sun. aft. Tr.	virg.	8	* ☉ 4 ♂ ♂ ☾ like to	1	58
16	g	Nicodemus		24	thunder: but fair. * ♀ ☾	2	57
17	a	Lambert bish.	libr.	8	* 4 ☾ ♂ ☉ ☾	3	56
18	b	Ember week		23	Winde. ♂ ♀ ☾	4	55
19	e	Januarius	scor.	8	☐ h ☾ ♀ 21. 39 m clou.	5	54
20	d	Eustac. Fast.		23	♂ ♀ ☾ * ♂ ☾ die rain.	6	53
21	e	Matthew apoll.	sagit.	7	♂ 4 ☾ fair and cloudie.	7	53
22	ff	15 Sun. aft. Tr.		21	Ordinat. ☐ ♂ ☾ warm	8	52
23	g	Tecta	capr.	5	of Ministers ♂ 20 6 m	9	51
24	a	Androchie		18	☐ ♀ ☾ turbulent and	10	50
25	b	Cleophas	aquar.	1	* ♀ ☾ windie weath.	11	50
26	e	Cyprian mar.		13	Cold & cloudie ♂ h ☾	12	49
27	d	Colm. & Dam		25	Like to rain ☐ ♀ ☾	13	48
28	e	Edith virg.	pisc.	7	Fairer weather ☐ 4 ☾	14	48
29	ff	Michael Arch.		19	16. Sund. af. Trin. warm	15	47
30	g	Jerom	Aries	1	and scarce fair,	16	47

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October hath xxxi dayes.

- Full moon the 1 day, 29 minutes past 11 at night.
- ☾ Last quarter the 9 day, 49 minutes past 8 at night.
- New moon the 16 day, 12 min. past noon.
- ☾ First quarter the 23 day, at one in the afternoon.
- Full moon the last day, 24 min. past 5 at night.

1	a	Remigius	Ari.	12	♂ ☉ ♀	clouds and great	17	46
2	b	Leodgar		24	windes. ☉	18 46 ☐	18	46
3	c	Candid. mar.	taur.	6	Cold and moist ☐ ♀ ☾		19	46
4	d	fractil. conf.		18	Clear & windie ♂ ♀		20	45
5	e	K Ch. ret. in S.		30	inclining to freez about		21	45
6	f	17 Sun. aft. Tr.	gem.	12	these dayes.		22	45
7	g	Mark bish.		24	☐ ♂ ☾ h 12 o ☐		23	44
8	a	Delagius	canc.	7	☐ ♀ ☾ wet and windie		24	44
9	b	Term begins		20	these 2 dayes.		25	44
10	c	Paul bish.	leo	4	* ♂ ☾ more temperate.		26	44
11	d	Burchard		18	Something cool ♂ ♀ ☾		27	44
12	e	Colman	virg.	3	☐ ♀ ☾ fair and temp.		28	44
13	f	18 Sun. aft. Tr.		17	Cold missings * ♀		29	44
14	g	Sun in Scorpio.	libr.	2	♂ ♂ ☾ warmer weath.		30	44
15	a	Wolfran		17	Winde & storms ♂ ♀ ☾	m	44	
16	b	Michael	scor.	2	♂ ☉ ☾ better weather		2	44
17	c	Etheldred		17	Scarce fair ☐ ♀ ☾		3	44
18	d	Luke Evang.	sagit.	1	Good weath. ♂ ♀ ☾		4	44
19	e	Fridiswald		15	then rain with winde.		5	44
20	f	19 Sun. aft. Tr.		29	4 8 7 7		6	45
21	g	11000 virg.	capr.	13	Like to rain ☐ ♂ ☾.		7	45
22	a	Severus b.		26	Like to freez: cold wind		8	45
23	b	Romanus	aquar.	9	on the 22 and 23 dayes.		9	45
24	c	Magloze		21	△ ♀ ☾ * ♀ ☾		10	46
25	d	Crisp. & Crisp	pisc.	4	☐ ♀ ☾		11	46
26	e	Ursula		16	Snow, or ☐ ☉ h		12	46
27	f	20 Sun. aft. Tr.		28	cold rain. very cold still		13	47
28	g	Simon & Jude	Ari.	10	like to freez △ ♀ ♂		14	47
29	a	Marcellus b.		21	△ ♀ ☾		15	48
30	b	Germane	taur.	3	Winde from the ♂ ♀ ☾		16	48
31	c	Quint. Fast		15	west. ☐ ♀ ☾ clouds.		17	49

November hath xxx days.

- ☾ Last quarter the 8 day, at 7 in the morning.
- ☾ New moon the 14 day, at 11 at night.
- ☾ First quarter the 22 day, 50 min. past 7 in the morning.
- ☾ Full moon the last day, about 11 in the forenoon.

1	b	All Saints	taur. 28	Cloudie and dark weath.	18	50
2	a	All souls	gem. 10	☿ ♀ ☾ fair and temp.	19	50
3	f	21 Sun. aft. Tr.	23	☿ ♀ ☾ rain or sleet	20	51
4	a	Quintus	canc. 5	△ ☿ ☾ ♀ 11 19 ♀	21	52
5	a	Powder treas.	18	☐ ☿ ☾ scarce fair but	22	52
6	b	Leonard	leo 1	warm h 12 48 ~	23	53
7	e	Willibrod	15	☐ ☿ ☾ ☐ h ☿ ☿ h ☾	24	54
8	b	4 crowned m.	29	stormes of snow, rain or	25	55
9	a	Theodor. m.	virg. 13	sleete about the 7 and 8.	26	56
10	f	12 Sund. aft. Tr	27	The 9 fairer: then rain or	27	56
11	a	Martin bish.	libr. 11	sleete: the 11 more fair.	28	57
12	a	Craft. Mart.	26	☿ ☿ ☾ * h ♀ rain	29	58
13	b	Sun in Sag.	feor. 11	with snow ☐ h ☾	30	59
14	e	Lucundus b.	26	☿ ☿ ☾ winde & dark.	1	0
15	b	Leopoldus	sagit. 10	☿ ♀ ☾ fair and clear.	3	1
16	a	Edmond Dep.	25	☿ ☿ ☾ Snow or rain	5	2
17	f	13 Sun. aft. Tr. capr.	8	with winde.	4	3
18	a	Selassus	22	☐ ☿ ☾ ☿ 25 33 ~	6	4
19	a	K. Charls born	aquar. 5	* ☿ ☾ * ☉ ☾	7	5
20	b	Edmund R.	18	☿ h ☾ cold missings.	8	6
21	e	Pzelen. of W. pisc.	0	♀ 16 44 ♀ ♀ 6 9 ♀	9	7
22	b	Sicily virg.	12	☐ ♀ ☾ ☐ ☿ ☾ ☐ ☿ ☾	10	8
23	a	Clement pap	24	From the end of the 21	11	9
24	f	14 Sund. aft. Tr. Arics	6	day to the end of the	12	11
25	a	Ratharin b.	18	moneth expect great	13	12
26	a	Linus	taur. 0	store of winde and rain,	14	13
27	b		12	threatning great floods	15	14
28	e	Teret ends	24	of water.	16	15
29	b	Saturn. Fast	gem. 6	☿ ☉ ♀ ☿ ☿ ☾	17	16
30	a	Andrew Apost.	19	☿ ☿ ☾ more winde.	18	18



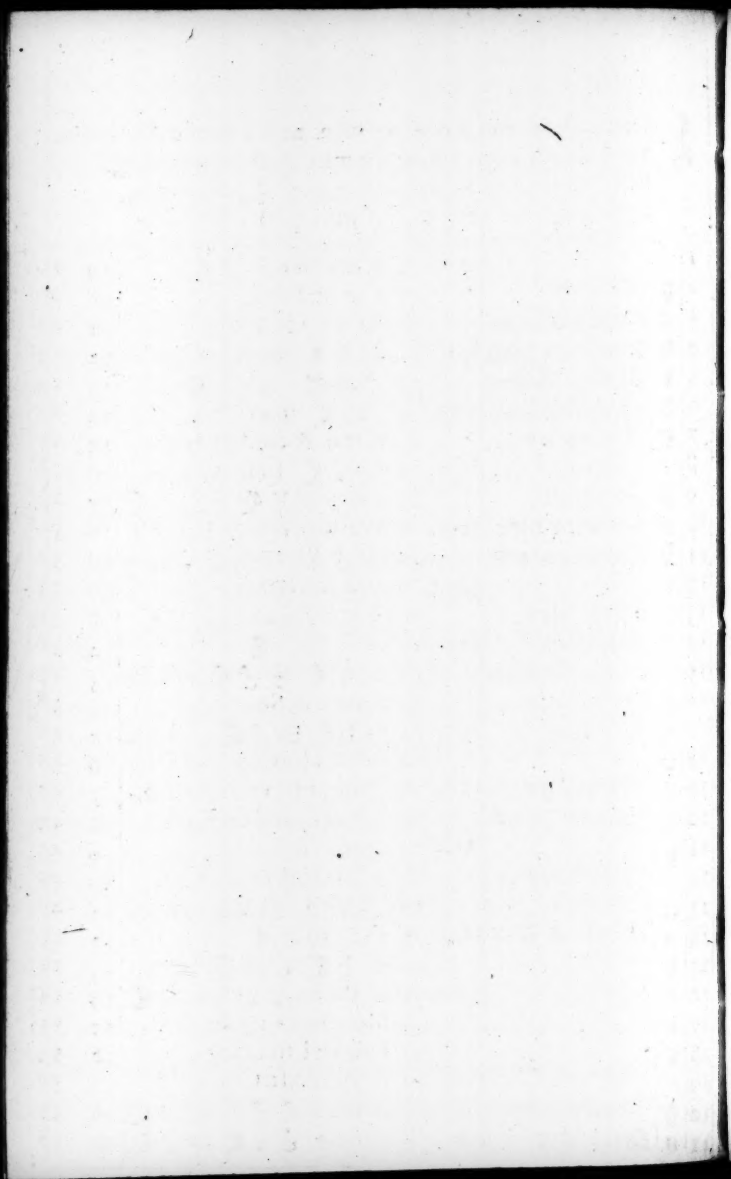


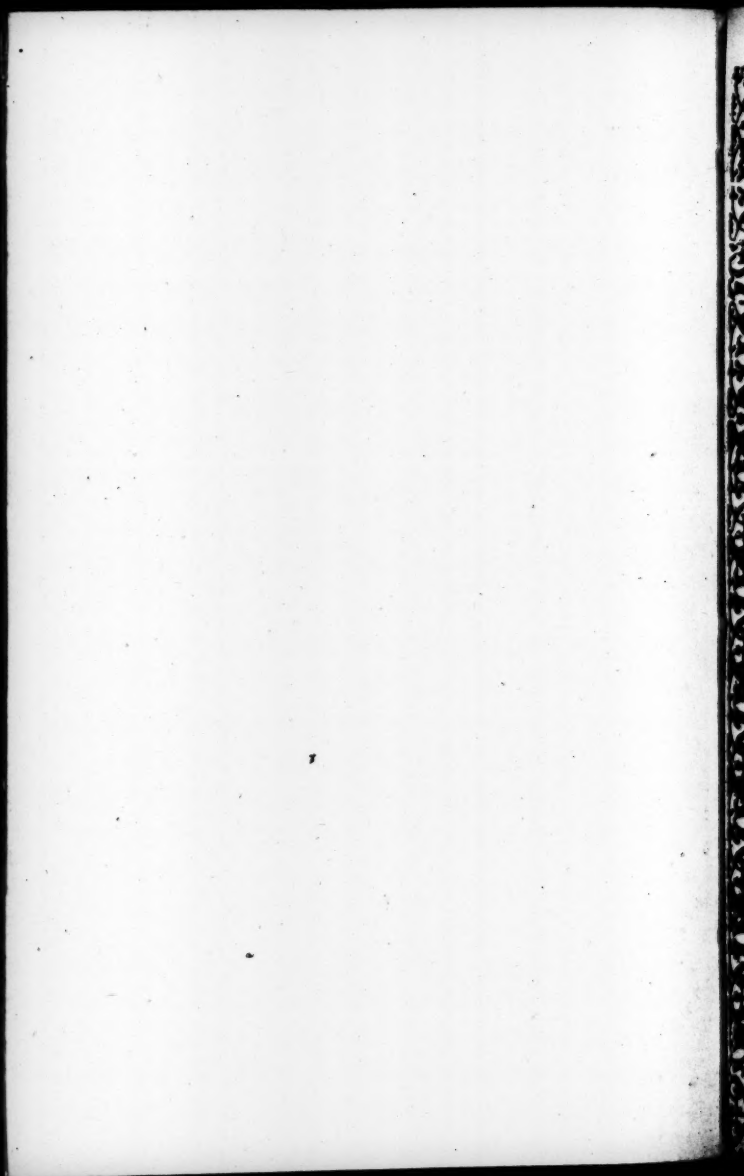
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December hath xxxi dayes.

- ☾ Last quarter the 7 day, 47 min. past 3 in the afternoon.
 ☾ New moon the 14 day, 50 min. past 11 morning.
 ☾ First quarter the 22 day, 16 min. past 5 morning.
 ☾ Full moon the 30 day, 29 min. past 2 morning

1	f	Advent-sunday	canc.	2	Rain-like $\Delta \delta \text{C}$	19	19
2	g	Candid.		16	Fair and clear.	20	20
3	a	Callianus m.		28	☉ 21 21 ♄	21	21
4	b	Barbara virg	leo	12	♂ h C snow or rain	22	23
5	e	Abba Abbot		26	$\Delta \gamma \text{C}$ $\Delta \odot \odot$	23	24
6	d	Nicholas bish.	virg.	9	☐ ♀ C scarce fair.	24	25
7	e	Embrose bish.		23	Clear & cold ☐ γC	25	27
8	f	2 Sun. in Adv.	libr.	7	☐ ♀ C some winde.	26	28
9	g	Joachim		22	Fair. * γC ΔhC	27	29
10	a	Enlalia virg.	scor.	6	Warmer weather $\odot \delta \text{C}$	28	30
11	b	Damasus pap		20	* δC ☐ h C cloudy	29	32
12	e	Sun in Capric.	sagit.	5	and scarce fair.	30	33
13	d	Lucie virg.		19	Better weather. $\odot \gamma \text{C}$	31	34
14	e	Nicasus	capr.	3	$\odot \odot \text{C}$	2	36
15	f	3 Sun. in Adv.		16	$\odot \text{C}$ * δC windie	3	37
16	g	O sapientia		29	from the South.	4	38
17	a	Lazarus	aqua.	13	$\odot \text{hC}$ ☐ δC cold and	5	40
18	b	Ember week		26	moist clouds, if not some	6	41
19	e	Demetrius m.	pisc.	8	snow, on 17 and 19 d.	7	42
20	d	Iulian Fast		20	Clearer, and on these	8	44
21	e	Thomas Apost.	Aries	2	dayes frost-like.	9	45
22	f	Ordination of		14	4. Sunday in Advent.	10	46
23	g	Ministers.		26	☐ ♀ ☉ $\Delta \gamma \text{C}$ winde	11	48
24	a	Adam & Eve	taur.	8	$\Delta \odot \text{C}$	12	49
25	b	Christmalle		20	☐ h C $\odot \delta \text{C}$ snow	13	50
26	e	S. Stephen	gem.	2	or fleete. $\text{D} \text{D} \text{C}$ ΔC	14	52
27	d	S. John Evang.		14	More freezing weather.	15	53
28	e	Innocents		27	Fair and freezing.	16	54
29	f	1 Sun. aft. Chr.	canc.	10	1. Sund. aft. Chr. cold	17	56
30	g	James trans.		24	fr West. $\Delta \delta \text{C}$ $\odot \odot \text{C}$	18	57
31	a	Stibetter	leo	8	windie. $\odot \text{C}$ ΔC	19	58





Swallow. 1639.

The latter part of this
Almanack for the yeare
of our Lord God
1639.

Being the third from the Bissextile
or leap-yeare; and from the cre-
ation of the world (accor-
ding to the best Chro-
nologers) 5588.

Wherein you have a description of the 4
quarters of the yeare, and of the eclipse
visible to us, with many other necessary
observations.

Sapiens dominabitur astris.

Printed by the printers to the
Univerſitie.



The characters of the planets, &c.

- 1 ♄ *Saturn.* His houses *Capricorn* and *Aquarius*.
- 2 ♃ *Jupiter.* His houses *Sagittarius* and *Pisces*.
- 3 ♂ *Mars.* His houses *Aries* and *Scorpio*.
- 4 ☉ *The Sunne.* His house is *Leo*.
- 5 ♀ *Venus.* Her houses *Taurus* and *Libra*.
- 6 ☿ *Mercury.* His houses *Gemini* and *Virgo*.
- 7 ☾ *The Moon.* Her house is *Cancer*.

The Dragons head ☊.

The Dragons tayl ☋.





Of the foure quarters of the yeare:

And first of Winter.

Winter, that frost-bitten churl, taketh his beginning with the sunnes entrance into that cold and earthy signe Capricorn, which happened the last yeare on the 12 day of Deceniber; the nights being then at the longest, and the dayes at the shortest. This season is vulgarly accounted the first, and continueth till the sunne hath run through Capricorn, Aquarius, and Pisces. Howbeit I do verily think that the naturall beginning of the yeare ought rather to be deriued from Autumne, because it is very probable that the world took beginning at the same time of the yeare. The shortest day with us, at and about Cambridge, is 7 houres and 26 minutes.

A warm and moist winter is very unwholsome, and an enemy to husbandmen; but reasonable store of snow both make the ground rank, and is good to preserve corn and saffron-heads.

Of the Spring.

This quarter beginneth with the sunnes entrance into Aries, and is a season which neuer came undesired for, or unwelcome. The dayes and nights are now of equall length, and the sunnes approach beginneth to reuiue as well things sensible as vegetiue: for now the pretty lambs begin to skip and dance, the long silenced birds cleare up their sugred throats; and, like the blood in mans bodie, the sap ariseth in the growing trees,

trees, and fertile plants. This season entreteth on the 16 Day of March.

And note, that a moist Spring makes fruits to be rotten, and weeds abundant: and if hot, roses will be rank, but not Sweet: and so it may be said of other flowers, they will better please the eye then the taste or smell. Moreover, if the winter be drie and full of northwinde, and the Spring rainy and full of southwinde; in the summer season there will happen sharp fevers, hot apostumations in the eyes, with fluxes, especially unto women, & such men as are filled with salt flegme or unnatural choler. But if the winter have plenty of southwinde, and be rainy and warm, and the spring time succeeding be drie, and full of northwinde; then women with childe shall be in danger of untimely deliverance, or being delivered at their full time, their children will be weak, and either live in a sickly health, or else die very soon. Old folks shall be plagued with rheumes, catarrhes, and other like griefs.

Of Summer.

Summer may well be called the mother of plenty, and daughter of bounty. In Latine we call it *Aestas*, which is ab *actu*, from the exceeding heat: and so also both the English word seem to expresse it: for our English word Summer, is (as Verstegan obserbeth) the same with that which in the Germanie tongue is written *Sunne-mehr*, that is, plus solis, or more sunne then at other times. The beginning of this quarter astronomically, is this yeare on the 12 day of June, at which time the sunne entreteth into the first scruple of Cancer.

And note that if summer prove very wet, fruits will nutrifie, grain will be scarce, and sicknesses plentifull. But if it be dry and full of northwinde, and the autumn succeeding be rainy and full of southwinde; then

Swallow 1639.

then towards winter expect great pains in the head, with coughs, rheums, hoarsnesse, and (to many) consumptions. Or more nearely, if summer prove very dry, there will be scarcitie of grain at harbest, with great sicknesses to such as are of fit complexion for the season, fishes will die in ponds, but summer fruits will be whollsome.

Of Autumne.

Autumne may not unfitly be called the yeares harbour, or (if you will) a kinde-hearted prodigall, that giveth all a way, and leaveth himself nothing. This quarter in the entrance of it (which this yeare is on the 13. day of September) doth make the dayes and nights againe of equall length, as formerly in the vernal equinox. He takes his name ab Autumno, which signifyeth to make ripe: or else à bonorum anni augmentatione, which is, from the increase of the goods or provision of the yeare.

And note, that when the harbest season, or autumne is dry and full of northwinde, then shall men and women which are of moist complexion, be in best estate; but to such as are of a contrary constitution, shall be long and sharp fevers, melancholy griefs, and such diseases proceed out of too much drinesse. But if this quarter prove moist, then will the vintage be bad, grapes become rotten, and swines quickly putrifie.

*Poma dat Autumnus: Formosa est messibus Æstat:
Fer prabet Flores: Igne levatur Hyems.*

A chronologicall note of some memorable accidents, shewing how long it is since any of them happened.

The yeares from the Creation are diversly accounted by sundrie authours: but those who are esteemed the best, & do come nearest to the truth, do reckon thus 5588

Noahs flood 3941

The destruction of Sodom and Gomorrah 3541

The Israelites came out of Egypt 3135

The destruction of Troy 2822

The building of the temple by H. Solomon 2655

The building of Rome 2391

The death of Romulus 2353

The death of Esop 2203

The rape of Lucrece 2148

The death of Alexander the great 1963

Our Saviours birth vulgarly accounted 1639

But more truly (though we reckon otherwise)

Since his birth 1641

The death, or passion of our Saviour 1606

The martyrdom of S. Stephen 1605

The destruction of Jerusalem by Titus 1569

William the Conqueror 573

The invention of Gunnes 269

The invention of Printing 193

Martin Luther first opposed the Pope 122

King Henry conquered Bulloin 95

The massacre of Protestants in France 67

Tilbury camp on S. James his day 51

The Powder treason 34

The last great frost: it began in Novem. 1607 32

The last blazing Starre 21

On the 27 of March the fiftenth yeare of our King beginneth, having then reigned 14 compleat yeares.

Vivat Rex.

OF



¶ Of a Yeare.

In all matters legall the yeare begins not with us untill the 25 Day of March; so that the yeare which doth begin on the first of January, is the Julian yeare, instituted by Julius Cesar.

Of a Day.

A Day in all legall or law matters is accounted but from sunne to sunne; so that one who hath a summe of money to pay on a set day by bond, need not tender his money either before or after sunne. This kinde of day is that which we call an artificiall day: but a day naturall is to be accounted from midnight to midnight, and so is the day to be reckoned for the indictments of murder.

Of S. Matthias in the leap-yeare.

In every leap-yeare the 24 and 25 Dayes of February in suits at law are to be accounted both as one. But for keeping of fairs observe this, viz. that those fairs which use to be on the 24 Day, must be kept on the 25; because when it is leap-yeare, Matthias (which is their fe) is not untill the 25 Day.

Of the Prime.

Because many countrey people use to take observations from the Prime, concerning their weaning of cattle, I will briefly set down what it is. The moon is said to be primed when she is three dayes and 18 houres old, being then in her half quarter, and foure points of the compasse eastward from the sunne.

Swallow 1639.

¶ A note of certain other observations throughout every moneth.

January.

ON the first of this moneth we begin a new yeare of the Golden number and Cycle of the sunne : albeit the Epact begins not untill the first of *March*. And here (as hath been said) is evermore the first point of the Julian yeare.

February.

On the fourth of this moneth, in the yeare of our Lord 1579, which is now 60 yeares since, there fell a marvellous deep snow.

March.

In the yeare of our Lord 1117, being now 521 yeares since, there was in this moneth, exceeding much lightning; and the *December* after, much thunder and hail; at both which times, the moon (most prodigiously) seemed to be turned into blood.

April.

On the ninth of this moneth, being *Palm Sunday*, in the yeare of our Lord 1077, which is now 561 yeares since, in the 12 yeare of *William* the Conquerour, there appeared a great blazing star about noon, neare unto the sunne.

May.

On the 21 day of this moneth, in the yeare of our Lord 1382, being now 257 yeares since, there was a generall earthquake, and a water-shaking, which made the ships in the havens to totter, no winde or waves raging.

Swallow 1639.

June.

On the fourth day of this moneth, in the yeare of our Lord 1561, being now 78 yeares since, *St. Pauls steeple in London* was burnt.

July.

On the 10 day of this moneth, 427 yeares since, *London bridge* was on fire at both ends, whereupon the people on the bridge thronging indiscreetly into such vessels as came to succour them, were drowned to the number of 3000.

August.

In the yeare of our Lord 1099, being now 540 yeares since, in the summer time, at *Finchamsted in Barkshire*, bloud was seen to issue out of the ground, to the great amazement of all the beholders.

September.

On the eighth day of this moneth, being Saturday, and in the 70th yeare of our Lord (which is now 1569 yeares since) *Jerusalem* was wholly taken by *Titus*, according to the prediction of the prophet *Daniel*, viz. that after seventy weeks it should be thrown down, and made desolate, by the people of the prince to come, Dan. 9. 24.

October.

Five hundred and 25 yeares since, on the tenth of this moneth, for two dayes space the *Thames* was so dry, that even children could wade through on foot. In this moneth likewise (389 yeares since) on a certain dark night, the sea seemed to be all on fire, and the waves to fight together after a wonderfull manner.

Swallow 1639.

November.

On the 14 of this moneth, 65 yeares since, *viz.* in the yeare of our Lord 1574, there were strange impressions of fire and smoke seen in the aire about midnight; and the next day, the heavens seemed to be all on fire.

December.

From the first of this moneth until the twelfth, in the yeare of our Lord God 1563, being now 76 yeares since, there was such terrible thunder and lightning, especially on the 12 day, that the oldest man then alive, had not seen or heard of the like ever before. Also, it is fresh in memory, that 11 yeares since, *viz.* 1628, there was a great tempest of thunder and lightning on *S. Thomas* day, for the space of an houre, between 10 and 11 at night, which was mixed with hail and rain.

How the Sunne cometh to be eclipsed.

An eclipse of the sunne is nothing else but the interposition of the body of the moon between the sunne and the earth, or between the sunne and our sight.

How the Moon cometh to be eclipsed.

The sunne never goeth from under the ecliptick line, but the moon hath five degr. of latitude on either side of the ecliptick: at such full moons then as the moon shall be little or nothing in latitude, and under the ecliptick line, diametrally opposite to the sunne, then will she be eclipsed, because then there will be an interposition of the earths dark body between them; shadowing the suns light from the moon, which of her self is but dark.

Of the eclipse this yeare.

On the 22 of May there will be an eclipse of the sun: it beginneth at 4 in the afternoon, and endeth at 5. This is his time in our horizon.

Swallow 1639.

the year, month, and day, The number of years Yeares expired
 counting the year to begin moneths, and dayes, since every king
 first of January, whereon that each of them began and end-
 of king of England since reigned: 28 dayes ed their seve-
 conquest, began his reigne to a moneth. rall reignes.

W. Con.	1066	Octob. 14	10 y.	11 m.	22 d.	573	
Rufus	1087	Septem. 9	12 y.	11 m.	18 d.	552	W. Conq.
Henry 1	1100	August 2	35 y.	4 m.	11 d.	539	W. Rufus
Stephen	1135	Decemb. 2	18 y.	11 m.	19 d.	504	Henry 1
Henry 2	1154	Octob. 25	34 y.	9 m.	2 d.	485	Stephen
Richard 1	1189	July 6	9 y.	9 m.	22 d.	450	Henry 2
Richard 1	1199	April 6	17 y.	7 m.	0 d.	440	Richard 1
Henry 3	1216	Octob. 19	56 y.	1 m.	0 d.	423	John
Edward 1	1272	Nov. 16	34 y.	8 m.	9 d.	367	Henry 3
Edward 2	1307	July 7	19 y.	7 m.	6 d.	332	Edward 1
Edward 3	1327	January 25	50 y.	5 m.	7 d.	313	Edward 2
Richard 2	1377	June 21	22 y.	3 m.	16 d.	262	Edward 3
Henry 4	1399	Septem. 29	13 y.	6 m.	4 d.	240	Richard 2
Henry 5	1413	March 20	9 y.	5 m.	24 d.	227	Henry 4
Henry 6	1422	August 30	38 y.	6 m.	16 d.	217	Henry 5
Edward 4	1461	March 4	22 y.	1 m.	8 d.	178	Henry 6
Edward 5	1483	April 9	0 y.	2 m.	18 d.	156	Edward 4
Richard 3	1483	June 25	2 y.	2 m.	5 d.	156	Edward 5
Henry 7	1485	August 22	23 y.	8 m.	19 d.	154	Richard 3
Henry 8	1509	April 22	37 y.	10 m.	1 d.	130	Henry 7
Edward 6	1547	January 28	6 y.	5 m.	19 d.	92	Henry 8
Mary	1553	July 6	5 y.	4 m.	22 d.	86	Edward 6
Elisab.	1558	Nov. 17	44 y.	4 m.	15 d.	81	Qu. Mary
James	1603	March 24	22 y.	0 m.	3 d.	36	Qu. Elisab
Charles	1625	March 27	Long live the King.			14	K. James

The use of this table in example.

King Henry 8, began his Reigne in the year of Christ 1509
 April 22: He reigned 37 yeares, 10 moneths, and 1 day. And
 since he began his reigne, 130 yeares compleat the 22 of
 April, in this year 1639. Now to know the time since the
 of his reigne, before his name standing on the right hand,
 shall there finde 92 yeares since he died: January 28.



Observations for husbandmen, and others.

In January take off superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree roots, cut your vines in some of the twelve dayes.

Set quick-sets, roses, and sallots in the moneth of February. And now cover up the roots of your trees with good earth, which you opened before in the beginning of January.

In March you may graft; but in planting and grafting choose a warm time: wherefore let not the winds be in the East or North, because such winds are commonly nipping, especially being helped by any aspect of the moon, with Saturn or Venus, in cold signes, as Virgo, Capricorn, Taurus, Scorpio, Pisces, or Cancer.

In the end of April, or beginning of May, set and sow tender herbs and seeds in your gardens, in a good temperature of aire.

If you mean to preserve flowers or seeds, gather them in a full moon; let the sun shine first upon them, and they will keep the better: But let them not be dried in the sun, lest the sunne draw away part of their vertue.

Remove young trees either in the end of October, in November or February, the moon increasing: and be sure to set that side south which was south before, because it cannot endure the cold north.

Sheare sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, & in δ , η , or ω .

Field cattell the moon in Aries, Sagittarius, or in Capricorn, being in her last quarter.

Gather all fruits that you mean to keep, in a drye time, when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or foure dayes before the full, or three or foure dayes after the full.

Other notes fit to be known.

Note that Artie minutes make one houre.
Fortie and five minutes make three quarters of an houre.

Thirtie minutes make half an houre.

fifteen minutes make a quarter of an houre.

Twelve inches make one foot.

Three feet, or 36 inches, make a yard.

Three feet and nine inches, or 45 inches, make an ell.

Sixteen feet and 6 inches make one pole or rod to measure land withall,

fourty poles make one furlong.

Eight furlongs make one mile.

Three miles make one league.

The compasse of the whole earth is held to be one and twenty thousand and six hundred miles, containing the full and just number of three hundred & sixty degrees; each Degree being equall to threescore miles.

The Sunne in one houre goeth nine hundred miles, as some have demonstrated.

The compasse of England is held to be 1532 miles.

The longest Day at London, is 16 houres and 30 minutes; at York 17. Within two minutes, being 28 minutes longer then at London.

The longest Day at Cambridge, is 16 houres and 34 minutes; longer by four minutes then the Day at London, and shorter by 24 minutes then the Day at York.

Things good for the eyes.

All green colours, cold water, fencel, the water of white roses distilled, Celendine, Eyebright, Berdine, Agremonie, Cloves: and for hot eyes the iuyce of honsleek softly boyled in the shell of a new-laid egge till it be clean scummed, is very good.

Things ill for the eyes.

To look much at red colours, or at fire: to read soon after supper: to eat much garlick, onyons, raddish-roots, saltmeats, coleworts, and pulse; as also to drink wine that is both thick and sweet. Smoke likewise and dust be very bad: and to anoint the eyes with bats blood, will clean put them out; according to that old proverb, The blood of a bat wil make a man see as well by night as by day: which may well be true in him that cannot see at all.

Things good for the brain.

To smell to camomill, musk, or red-roses: to wash the temples often with rose-water, to eat sage meat: to drink wine not over much: to keep the bodie warm: to wash the hands often: to walk and sleep moderately: to eat mustard and pepper: and not to be troubled with too much noise.

Things ill for the brain.

Late suppers: much sleep after meat: anger: to smell to a white rose: garlick, onyons, much milk and cheese: to stand long against your use bare-headed: to eat hastily and overmuch: to eat too liberally on any kinde of brain: much sweat in labour or trauell: and a besotted practise or daily course in drinking.

And note that in the spring when blood increaseth, it is good to shun such meats as turn into ill blood: and in this case, salt meats cannot be here good.

¶ Of blood-letting, and some other
Physicall observations.

In youth, let blood from the change to the first quarter.
In middle age, from the first quarter to the full.
In elder yeares, from the full to the last quarter.
And in old age, from the last quarter to the change.
But know, that under the age of 14, and above 56,
is not good to bleed at all.

Again, in the Canicular or Dog Dayes, it is very
hurtfull to take any Physick, unlesse there be great
need: and indeed, necessitie hath no law. Wherefore in
such a case, the disease being desperate, the cure must be
ventured.

Take a purgation when the Moon is in a Trine or Sex-
aspect with Venus, decreasing, in any of these three
signes Cancer, Scorpio or Pisces, and it will be sure to
work the better; because when a moist planet in a moist
signe hath such an aspect, the humours in the body are
stirred up and do wne, and so the better purged out.
Wherefore in this case it cannot be amisse to prepare
purgatives by something or other which is laxative: and
this be done whilst the Moon is either in Gemini, Li-
bra, or Aquarius.

Take a vomit that it may work throughly, when the
Moon is in Aries, Taurus, or Capricorn. And know, that
the aspects of the Moon with Saturn, or Mars, or the Moon
in Leo, ought to be esteemed in the taking of medicines.

Finally, if necessitie urge not haste, these observa-
tions are expedient: for it is a plain truth, that the
change of weather upon differing aspects, doth greatly
change and alter our bodies.

Of the foure cardinal windes, together
with their effects in breeding or bring-
ing sicknesses.

The East-winde, called Subsolanus, breedeth in cho-
lerick bodie sharp fevers, raging madnesse, and pe-
rilous apostumations: in the winter it is ever cold, it
bloweth seldome in the night; and this one thing is pro-
per to it, that if it do chance to bring rain, it continueth
commonly a whole day together.

The South-winde, called Auster, is of nature hot
and moist; it breedeth corrupt humours, and in hot bo-
dies cramps, giddinesse in the head, or the falling sick-
nesse, pestilence, and cruel fevers.

The West-winde, called Favonius, is of nature cold
and moist; it breedeth phlegme in moist bodie, it procu-
reth sleep, breedeth apoplexies and the like. In the
Spring it greatly refresheth all things, brings abroad
the blood and the sound humours which lay hid in the
winter, much refreshing the minde: Now best, neare the
end of Autumne, when the winter begins to approach,
it then grows churlish both on the sea and land.

The North-winde, called Septentrio, is of nature
cold and dry; it is good against the pestilence, and yet in
cold bodie it breedeth pluries, coughs, goutts, and in
some squinces: but yet of all windes it is held to be the
wholesomest, although it be the sharpest in our winter
moneths.

And note what is spoken thus of their effects, is
meant of their long standing in any of the before-said
quarters.

Also know, that a continuall still Summer is a
signe of plague or earth-quake.

¶ Here followeth the time of sunne-setting, and length of the day, in our latitude of Cambridge.

January.

Dayes.	The sunne setteth.		Length of the day.	
1	54	minut.	3	7 hou. and 48 minut.
3	57	minut.	3	7 hou. and 54 minut.
5	59	minut.	3	7 hour. and 49 minut.
7	1	minut.	4	8 hou. and 2 minut.
9	4	minut.	4	8 hou. and 8 minut.
11	6	minut.	4	8 hou. and 12 minut.
13	9	minut.	4	8 hou. and 18 minut.
15	13	minut. past	4	8 hou. and 26 minut.
17	16	minut.	4	8 hou. and 32 minutes
19	20	minut.	4	8 hour. and 40 minutes
21	24	minut.	4	8 houres and 48 minutes
23	27	minut.	4	8 houres and 54 minutes
25	31	minut.	4	9 houres and 2 minutes
27	39	minut.	4	9 houres and 12 minutes
29	40	minut.	4	9 houres and 20 minutes

February.

Dayes.	The sunne setteth.		Length of the day.	
1	45	minut.	4	9 houres and 30 minutes
3	49	minut.	4	9 houres and 38 minutes
5	52	minut.	4	9 houres and 44 minutes
7	56	minut.	4	9 hou. and 52 minut.
9	just at 5.			just 10 houres long.
11	4	minut.	5	10 houres and 8 minutes
13	8	minut.	5	10 houres and 16 minutes
15	12	minut. past	5	10 houres and 24 minutes
17	16	minut.	5	10 houres and 32 minut.
19	20	minut.	5	10 houres and 40 minut.
21	24	minut.	5	10 hou. and 48 minut.
23	28	minut.	5	10 hou. and 56 minut.
25	32	minut.	5	11 hou. and 4 minut.
27	37	minut.	5	11 houres and 14 minutes

March.

Swallow 1639.

March.

Dayes.	The sunne setteth.	Length of the day.
1 { 40	minut.	5 { 11 houres and 20 minutes
3 { 44	minut.	5 { 11 houres and 28 minutes
5 { 48	minut.	5 { 11 houres and 36 minutes
7 { 53	minut.	5 { 11 houres and 44 minutes
9 { 57	minut.	5 { 11 houres and 54 minutes
11 { 2	minut.	6 { 12 houres and 4 minut.
13 { 6	minut.	6 { 12 hou. and 12 minut.
15 { 10	minut.	past 6 { 12 hou. and 20 minut.
17 { 14	minut.	6 { 12 hou. and 28 minut.
19 { 18	minut.	6 { 12 hou. and 36 minut.
21 { 22	minut.	6 { 12 hou. and 44 minut.
23 { 26	minut.	6 { 12 hou. and 52 minut.
25 { 30	minut.	6 { 13 houres long.
27 { 35	minut.	6 { 13 houres and 10 minutes
29 { 39	minut.	6 { 13 hou. and 18 minut.

April.

Dayes.	The sunne setteth.	Length of the day.
1 { 43	minut.	6 { 13 hou. and 26 minut.
3 { 46	minut.	6 { 13 hou. and 32 minut.
5 { 50	minut.	6 { 13 hou. and 40 minut.
7 { 54	minut.	6 { 13 hou. and 48 minut.
9 { 58	minut.	6 { 13 hou. and 56 minut.
11 { 1	minut.	7 { 14 hou. and 2 minut.
13 { 5	minut.	7 { 14 hou. and 10 minut.
15 { 9	minut.	past 7 { 14 hou. and 18 minut.
17 { 12	minut.	7 { 14 hou. and 24 minut.
19 { 16	minut.	7 { 14 hou. and 32 minut.
21 { 19	minut.	7 { 14 hou. and 38 minut.
23 { 23	minut.	7 { 14 hou. and 46 min.
25 { 27	minut.	7 { 14 hou. and 54 min.
27 { 31	minut.	7 { 15 hou. and 2 min.
9 { 35	minut.	7 { 15 hou. and 10 min.

May

Swallow. 1639.

May.

day.	Dayes,	The sunne setteth	Length of the day,
1	39	minut. past 7	15 hou. 18 minut.
3	42	minut. 7	15 hou. 24 minut.
5	44	minut. 7	15 hou. 28 minut.
7	47	minut. 7	15 hou. 34 minut.
9	50	minut. 7	15 hou. 40 minut.
11	52	minut. 7	15 hou. 44 minut.
13	55	minut. 7	15 hou. 50 minut.
15	57	minut. 7	15 hou. 54 minut.
17	just at eight.		just 16 houres long.
19	2	minut. past 8	16 hou. 4 minut.
21	5	minut. 8	16 hou. 10 minut.
23	7	minut. 8	16 hou. 14 minut.
25	9	minut. 8	16 hou. 18 minut.
27	11	minut. 8	16 hou. 22 minut.
29	13	minut. 8	16 hou. 26 minut.

June.

Dayes.	The sunne setteth.	Length of the day.
1	14 minut. 8	16 hou. 28 minut.
3	15 minut. 8	16 hou. 30 minut.
5	16 minut. 8	16 hou. 31 minut.
7	17 minut. 8	16 hou. 33 minut.
9	17 minut. 8	16 hou. 34 minut.
11	17 minut. 8	The dayes at the longest
13	17 minut. 8	16 hou. 34 minut.
15	16 minut. past 3 8	16 hou. 32 minut.
17	16 minut. 8	16 hou. 31 minut.
19	15 minut. 8	16 hou. 30 minut.
21	14 minut. 8	16 hou. 28 minut.
23	13 minut. 8	16 hou. 26 minut.
25	12 minut. 8	16 hou. 24 minut.
27	10 minut. 8	16 hou. 20 minut.
29	9 minut. 8	16 hou. 18 minut.

July.

Days.	The sunne setteth.		Length of the day.
1	8 minut.	8	16 hou. 16 minut.
3	6 minut.	8	16 hou. 12 minut.
5	4 minut.	8	16 hou. 8 minut.
7	1 minut.	8	16 hou. 2 minut.
9	59 minut.	7	15 hou. 58 minut.
11	56 minut.	7	15 hou. 52 minut.
13	54 minut.	7	15 hou. 48 minut.
15	52 minut.	past 7	15 hou. 44 minut.
17	49 minut.	7	15 hou. 38 min.
19	46 minut.	7	15 hou. 32 min.
21	43 minut.	7	15 hou. 26 min.
23	40 minut.	7	15 hou. 20 min.
25	36 minut.	7	15 hou. 12 min.
27	33 minut.	7	15 hou. 6 min.
29	30 minut.	7	just 15 houres.

August.

Days.	The sunne setteth.		Length of the day.
1	24 minut.	7	14 hou. 48 min.
3	20 minut.	7	14 hou. 40 min.
5	16 minut.	7	14 hou. 32 minut.
7	12 minut.	7	14 hou. 24 minut.
9	9 minut.	7	14 hou. 18 minut.
11	5 minut.	7	14 hou. 10 minut.
13	1 minut.	7	14 hou. 2 min.
15	58 minut.	past 6	13 hou. 56 min.
17	54 minut.	6	13 hou. 48 min.
19	50 minut.	6	13 hou. 40 min.
21	46 minut.	6	13 hou. 32 min.
23	42 minut.	6	13 hou. 24 min.
25	38 minut.	6	13 hou. 16 min.
27	34 minut.	6	13 hou. 2 minut.
29	30 minut.	6	just 13 houres.

September.

September.

Dayes.	The sunne setteth.	Length of the day.
1	24 minut. past 6	12 hou. 48 min.
3	20 minut. 6	12 hou. 40 min.
5	16 minut. 6	12 hou. 32 min.
7	12 minut. 6	12 hou. 24 min.
9	8 minut. 6	12 hou. 16 min.
11	4 minut. 6	12 hou. 8 min.
13	just at six.	just 12 houres.
15	56 minut. past 5	11 hou. 52 minut.
17	52 minut. 5	11 hou. 44 minut.
19	48 minut. 5	11 hou. 36 minut.
21	44 minut. 5	11 hou. 28 minut.
23	40 minut. 5	11 hou. 20 minut.
25	36 minut. 5	11 hou. 12 minut.
27	32 minut. 5	11 hou. 4 minut.
29	28 minut. 5	10 hou. 56 minut.

October.

Dayes.	The sunne setteth.	Length of the day.
1	24 minut. past 5	10 hou. 48 minut.
3	20 minut. 5	10 hou. 40 minut.
5	16 minut. 5	10 hou. 32 minut.
7	12 minut. 5	10 hou. 24 minut.
9	8 minut. 5	10 hou. 16 minut.
11	4 minut. 5	10 hou. 8 minut.
13	just at five.	just 10 houres.
15	56 minut. past 4	9 hou. 52 min.
17	52 minut. 4	9 hou. 44 min.
19	49 minut. 4	9 hou. 38 min.
21	45 minut. 4	9 hou. 30 min.
23	41 minut. 4	9 hou. 22 min.
25	38 minut. 4	9 hou. 16 min.
27	34 minut. 4	9 hou. 8 min.
29	30 minut. 4	just nine houres.

November.

Swallow 1639.

November.

Dayes	The sunne setteth	Length of the day
1	25 minut. 4	8 hou. 50 min.
3	22 minut. 4	8 hou. 44 min.
5	18 minut. 4	8 hou. 36 min.
7	14 minut. 4	8 hou. 28 min.
9	11 minut. 4	8 hou. 22 min.
11	8 minut. 4	8 hou. 16 min.
13	5 minut. 4	8 hou. 10 min.
15	3 minut. past 4	8 hou. 6 min.
17	1 minut. 4	8 hou. 2 min.
19	58 minut. 3	7 hou. 56 min.
21	56 minut. 3	7 hou. 52 min.
23	54 minut. 3	7 hou. 48 min.
25	52 minut. 3	7 hou. 44 min.
27	51 minut. 3	7 hou. 42 min.
29	49 minut. 3	7 hou. 38 min.

December.

Dayes.	The sunne setteth.	Length of the day.
1	48 minut. 3	7 hou. 36 min.
3	47 minut. 3	7 hou. 34 min.
5	46 minut. 3	7 hou. 32 min.
7	45 minut. 3	7 hou. 30 min.
9	44 minut. 3	7 hou. 28 min.
11	43 minut. 3	7 hou. 26 min.
13	43 minut. 3	7 hou. 26 min.
15	44 minut. past 3	7 hou. 28 min.
17	45 minut. 3	7 hou. 30 min.
19	46 minut. 3	7 hou. 32 min.
21	47 minut. 3	7 hou. 34 min.
23	48 minut. 3	7 hou. 36 min.
25	49 minut. 3	7 hou. 38 min.
27	50 minut. 3	7 hou. 40 min.
29	52 minut. 3	7 hou. 42 min.

Note that as many min. as the sunne setteth after
 so many minutes it riseth before

F I N I S.

3	4	5	6	7	8
9	8	7	6	5	4

